Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 24 Nov 2021 until 23:59 on Thursday 25 Nov 2021

Forecast Issued on Wednesday 24 Nov 2021 at 02:22

Confidence: High for a much colder, more wintry period than we have seen recently. Becoming lower for timing of the various bands of precipitation and wind speeds due to uncertainties regarding a deep low, expected to move SE close to northern Scotland and into the North Sea, later this week and over the weekend.

Headline for Wednesday 24 Nov 2021: Bright start but becoming cloudy with outbreaks of rain and summit sleet. Clearer later.

Mountain weather hazards on Wednesday 24 Nov 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Light rain	Light rain	Cloudy	Partly cloudy (night)
Precipitation probability					
<05%	10%	50%	60%	30%	<05%

Forecast for Wednesday 24 Nov 2021

Weather: A bright start with some sunny spells, but cloud soon increasing with outbreaks of rain developing during the late morning, these turning increasingly wintry on higher summits during the afternoon. The rain and summit sleet clears away south towards dusk with colder drier conditions following and long clear spells developing through the evening.

Chance of cloud free mountain/hill tops above 600m: Around 50% at first with more breaks in the east and fewer in the west, becoming 20% as the rain approaches late morning. Then becoming 90% towards dusk as the rain clears.

Visibility: Occasional cloud becoming extensive during the morning, above 600-700m. This lowering, especially in the west, to 400-500m for a time in the early afternoon. Visibility very poor in cloud, with nearby landmarks obscured. Visibility moderate in rain, and poor in sleet, with nearby hills difficult to make out. Away from cloud and rain/sleet, visibility will be good with distant hills visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 24 Nov 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 W	17/25 W	18/25 W	11/16 NW	9/15 NW	9/18 NW	12/20 NW
300	9/20 W	10/21 W	11/22 W	9/17 NW	6/15 NW	7/18 NW	9/21 NW
Valley	4/17 W	3/15 W	9/19 W	6/15 NW	4/12 NW	4/14 NW	4/14 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-2	4/-1	2/-2	2/-2	0/-4	-1/-6
300	6/3	6/3	7/4	5/2	4/1	2/-2	1/-3
Valley	6/5	7/6	8/5	6/4	5/4	2/0	1/-1
Freezing Level*	1000m	1100m	1200m	1000m	700m	600m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasing wind chill effect through the day, even at lower levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 24 Nov 2021	0mm	0mm	0.4mm

Forecast for Thursday 25 Nov 2021

Weather: One or two snow flurries possible, mainly in the east, but generally a dry day with long clear then sunny spells. However cloud is expected to increase during the evening with outbreaks of sleet and snow towards midnight.

Maximum wind: Northerly 20-25mph, gusts around 40mph over higher ridges and summits, decreasing 10-15mph and backing more northwesterly in the afternoon then southwesterly 15-20mph towards midnight.

Chance of cloud free mountain/hill tops above 600m: Close to 100% through much of the day but chances falling towards midnight.

Visibility: Only small amounts of cloud below summits through much of the day, then persistent cloud above 600-750m spreading east towards midnight. Otherwise visibility very good or excellent, with distant hills clearly visible. Briefly falling in any snow flurries, to several kilometres in evening sleet and perhaps a kilometre or less in any snow.

Temperature: **Valleys:** Close to zero at dawn rising to plus 5 Celsius by day
At 600m: Around minus 1 Celsius
Freezing level: 450m, falling to 300m or less for a time, before rising slightly during the evening.

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